

Faculty Profile

- **Faculty Name** : Dr. Sachin Goroba Chonde
- **Designation** : Assistant Professor
- **Department** : Applied Science & Humanities
- **Mobile No.** : 9067526648
- **Email Id.** : sgc@amgoi.edu.in

• Educational Qualification

Sl.	Degree	University	Class
1	B. Sc.- Chemistry	Shivaji University, Kolhapur	First
2	M. Sc. - InorganicChemistry	Shivaji University, Kolhapur	First
3	GATE - Chemistry	Ministry of HRD, Govt. of India	86.19%
4	SET – Chemical Science	Savitribai Phule Pune University, Pune	-
5	Ph.D. - Chemistry	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	-

• Professional experience:-

Total experience in years:-18

Teaching: - 18

Industrial: -00

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	15 June 2012 to Till Date
2	Sau. Sushila Danchand Ghodawat Charitable trust's Sanjay Ghodawat Group of Institutions, Atigre, Kolhapur	Assistant Professor	26 May 2009 to 20 June 2012
3	Ashokrao Mane Polytechnic, Vathar tarf Vadgaon, Kolhapur.	Lecturer	1 July 2008 to 31 March 2009
4	Rajaram College, Kolhapur	Lecturer	18 July 2004 to 31 March 2008

➤ Subject Taught:-

Undergraduate Subjects			
1	Engineering Chemistry	2	Basic Chemistry
3	Applied Chemistry	4	Analytical Chemistry
5	Organic Chemistry	6	Inorganic Chemistry
7	Industrial Chemistry	8	Environmental Studies
Postgraduate Subjects			
1	-	2	-

➤ Project Work at U.G.:- ----

- **Project Work at P.G.:-** “Chemical deposition of **(Bi-Sb)₂Se₃** thin film composites Prepare by arrested precipitation technique **(APT)**”
- **Research Area of Interest:-** Material Science, Plastic Biodegradation

➤ **Book Published :- 01**

Sr. No	Name of the book	Details
1)	Studies on Biodegradation of polyamide based Plastic waste	Edition:1, publisher: Lambert Academic publishing, - September 2016. ISBN 978 -3- 659 -97602 – 5.

➤ **Book Chapter Published :-**

1)	Application of Fenton and Photo Fenton treatment for the Wastewater: A Critical Review	S. G. Chonde, et al. 2014	Proceeding of National Conference on Emerging Trends in Engineering, technology and Architecture NCETETA 2014 Organized by D. Y. Patil College of Engineering & Technology, Kolhapur S.G.Chonde,etal.Techno-Societal2022(2024),	ISBN 978-81-920561-4-2, Vol 1, pp. 328-331. 1007/978-3-031-34648-4_75, Page.743-751
2)	Evaluation of Some Medicinal Plants as an Antimicrobial Agent for Drinking Water Treatment	S. G. Chonde, et al. 2023	Techno-Societal 2022 (2024), Proceedings of the 4th ICATSA– Vol. 2, Publisher Name: Springer Cham. Published 19 November 2023,	Print ISBN:978-3-031-34647-7, Online ISBN:978-3-031-34648-4, https://doi.org/10.1007/978-3-031-34648-4_75 , Page. 743 -751

➤ **Paper Published in National & International Journal:-**

Sr. No.	Title	Name of Journal	Type* (NJ / IJ)	Date	ISSN No.
1)	Synthesis and Characterization of Zn _{0.5} Hg _{0.5} Se Thin film	Material Chemistry and Physics (Elsevier)	IJ	Dec. 2008	ISSN: 0254-0584 Volume 112, Issue 3,20, Pages 941-944
2)	Chemical deposition of (CdHg) Tertiary thin films	Achieves of applied Science Research	IJ	Feb. 2011	ISSN 0975-508X Coden (USA) AASRC9, Vol. No 3(2) 422-430

3)	Studies on degradation of synthetic polymer Nylon 6 by lignolytic fungus <i>Phanerochaete Chrysosporium</i> NCIM1073,	Journal of Environmental Research and Development	IJ	May 2012	ISSN 0973-6921, Vol. 6, No.3A, pp. 709-714.
4)	Studies on degradation of synthetic polymer Nylon 6 by fungus <i>Trametes versicolor</i> NCIM 1086,	International Journal of Environmental Sciences	IJ	Oct. 2011	ISSN 4402-0976, Volume 2, No3, pp. 2435-2442.
5)	Studies on Degradation of synthetic polymer Nylon 6 and Nylon 6, 6 by <i>Pseudomonas aeruginosa</i> NCIM2242,	International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS)	IJ	Aug. 2013	ISSN2279-0047, vol. 4(4), pp. 362-369
6)	Studies of degradation of synthetic polymer Nylon 6 by composting methods,	International Journal of Advanced Research in Engineering and Technology (IJARETS)	IJ	Oct. 2023	ISSN No. 0976-6499, Vol.4 Issue 6, pp. 50-56.
7)	Study Of Effect Of Dairy effluent on seed Germination, Growth And Biochemical Parameter Of Fenugreek (<i>Trigonella Foenum - Graecum</i>)	World Journal of Pharmaceutical Research,	IJ	Oct. 2023	ISSN 2277-7105, Volume12, Issue19,1518-1528.DOI: 10.20959/wjpr202319-30310
8)	Production Of Bio-Diesel From Waste Cooking Oil	Journal of Emerging Technologies and Innovative Research (JETIR), JETIR2311041,	IJ	Oct. 2023	ISSN-2349-5162, November 2023, Volume 10, Issue 11, a286-a294
9)	Removal Of Colour From Textile Waste Water using moringa Oleifera As Natural Coagulant	Journal of Emerging Technologies and Innovative Research (JETIR), JETIR2311030,	IJ	Nov. 2023	ISSN-2349-5162, November 2023, Volume 10, Issue11, a197-a202
10)	Green and Cost-Effective Cr (VI) Removal from Industrial Waste water with Pomegranate Peel Activated Carbon	International Journal for Multidisciplinary Research (IJFMR),IJFMR23068655,	IJ	Nov. 2023	E-ISSN:2582-2160, Volume5,Issue 6,November-December2023, 1-7
11)	Study of Different Biomaterials for Reducing Textile Industry Waste Water Pollution	International Journal for Multidisciplinary Research (IJFMR),IJFMR23068656,	IJ	Nov. 2023	E-ISSN:2582-2160, Volume5,Issue 6,November-December2023, 1-9

12)	Phytoremediation Process of Textile Industry Effluent by Eichhornia Crassipes and Pistia Stratiotes	International Journal for Multidisciplinary Research (IJFMR), IJFMR 23068588,	IJ	Dec. 2023	E-ISSN:2582-2160, Volume 5, Issue 6, November-December 2023, 1-9
-----	---	---	----	-----------	--

* NJ- National Journal

IJ- International Journal

Patents published

IOT-Based Solar-Powered Agriculture Robot	Design no-483752	14-12-2025	25-02-2026	Published	Indian Patent Office (Designs Wing)	Design Certificate-483752-001
Digital Campus Management and Interaction Platform	Design no-6530439	03/06/2026	12/02/2026	Published	UK (Design Patent)	Design Certificate-6530439

- **No. of Project Guided at U.G. Level:- 22 Mini Projects**
- **Expert Lectures Delivered as a Resource Person:- 03**
- **STTP/FDP/Workshops/Attended/Participated:- 20**

Sr. No.	Name of Conference / Workshops STTP / FDP / Seminars	Organized by	Date
1)	International Conference on Advanced Material and Applications 2007 Paper Presentation :- Chemosynthesis of (CdHg)Te Thin Films: A novel route to grow Ternary semiconductor material	Shivaji University Kolhapur	15 th –17 th Nov 2007
2)	International Conference on Nanomaterials & Applications (ICNAMA) 2008	Shivaji University Kolhapur	9 th –11 th Nov 2008
3)	Workshop on Analytical instrumental techniques	Shivaji University Kolhapur	3 rd –5 th June 2008
4)	National Seminar & Exhibition on Recent Trends & Opportunities in Green Building & products.	Shivaji University Kolhapur	8 th –9 th Feb. 2009
5)	Workshop on 'Save Earth' Jointly Organized by NSS, BGVs, & Shivaji University.	Shivaji University Kolhapur	24 th Jan. 2009

6)	National Seminar on Advance Synthetic Methodologies and functional materials Paper Presentation:-Ternary Cd _{1-x} Hg _x Te thin films: a novel route to grow semiconductor material	Shivaji University Kolhapur	23 th - 24 th Dec. 2009
7)	Indo – Mauritius International conference on Biotechnology for Better Tomorrow, (BTBT 2013) organized by Rajiv Gandhi Science Centre Mauritius on 11-12 th Nov 2013. 'Isolation of polyamide degrading microorganisms and biodegradation Study of Nylon 6'	Rajiv Gandhi Science Centre Mauritius	11- 12 th Nov 2013.
8)	International conference on Sustainable water resource development and management, (SWRDM2012). Isolation and biodegradation study of synthetic Polymer Nylon 6,6	Organized by Department of Environmental Science Shivaji University, Kolhapur	20 - 21 Dec 2012
9)	International conference of International Science Congress 2012. Studies on degradation of synthetic polymer Nylon 6 and Nylon 6,6 by <i>pseudomonas Aerogenosa</i> NCIM 2242	Organized by Born Maharaj College of Engineering, Mathura	8 - 9 Dec. 2012.
10)	International conference on Agricultural Biotechnology for Sustainable Development, held at Colombo, Sri Lanka on 12-13 March 2012. Studies on degradation of synthetic polymer Nylon 6 by fungus <i>Trametes versicolor</i> NCIM 1086	University of Colombo, Sri Lanka	12 - 13 March 2012.
11)	International conference on International Congress of Environmental Research (ICER 2011) Studies on degradation of synthetic polymer Nylon 6 by lignolytic fungus <i>Phanerochaete</i> <i>Chrysosporium</i> NCIM 1073	organized by SVNRT, Surat, Gujrat	15-17 Dec. 2011
12)	Faculty Development Program for Student Induction (03 days) "Faculty Development Program for Student Induction (FDP-SI)" organized by All India Council for Technical Education(AICTE).	Tatyasaheb Kore Institute of Engineering &Technology, Warananagar, Kolhapur	28-30 June, 2018

13	Faculty Development Program for Student Induction (07 days) “Faculty Development Program for Student Induction (FDP-SI)”Conducted by AICTE New Delhi- 110067.	D. Y. Patil College of Engineering and Technology, Kolhapur.	19-25 July, 2018
14	One week online Faculty Development Program on “OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE” (05 days)	under Margdarshan Scheme of AICTE, New Delhi organized by Government	11-15 May 2020
		College of Engineering, Karad	
15	4 th InternationalConferenceon “Advanced Technologies for Societal Applications: Techno Societal 2022. Presented a research paper entitled‘ Medicinal Plants As An Antimicrobial Agent For Drinking Water Treatment’ (Paper ID – 7409)	Online in the Techno Societal 2022 Conference organized by Shri. Vithal Education & Research Institute (SVERI’s), College of Engineering, Pandharpur, India	9th - 10th Dec. 2022.
16	ATAL FDP on Next Gen Manufacturing: Embracing Industry 4.0	ATAL	25-08-2025 to 30-08-2025
17	45th GISFI Standardization Series Meeting and International Workshop on Digitisation : Bridging the Present and Future	International	30/10/2025 to 11/1/2025
18	One -Day Workshop on "NBA Accreditation Preparation"	Internal	04-01-2026 to 04-01-2026
19	NEP-2020: Orientation & Sensitization” under Malaviya Mission-Teacher Training Programme (MM-TTP)	National	17-11-2025 to 25-11-2025
20	FDP on”Advances,Challenges and Reasearch Trends in Electrical Vehicle technology”	ISTE	27 January 2026 to 31January 2026

➤ **Programs Organized:-**

Sr. No.	Name of Program	Institute	Date
---------	-----------------	-----------	------

1.	12 days Student Induction Program	Ashokrao Mane Group of Institutions Vathar	16 th to 28 th Aug 2019
2.	21 days Student Induction Program	Ashokrao Mane Group of Institutions Vathar	01 to 21 AUGUST, 2018
3.	Quiz competition	Ashokrao Mane Group of Institutions Vathar	14 Nov 2016 & 12 th Jan 2019
4.	Poster Presentation	Ashokrao Mane Group of Institutions Vathar	6 th Feb 2015

➤ **Special Achievements :-** -----

➤ **Departmental Responsibilities:-** NBA, NAAC, IQAC Coordinator, Lab Incharge, Class Coordinator

➤ **Other Experience/Responsibilities If Any :-**
Member Secretary of Antiragging Cell, NAAC Criteria 6 Coordinator, MHT CET Crash Course coordinator

➤ **Social Contribution If Any:-** -----

1. **Professional Membership If Any:-** Life member of ISTE (LM 77136)